

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-19 (canceled).

Claim 20 (currently amended): A stent comprising at least one strut, the at least one strut having a transverse cross section, the transverse cross section having a substantially flat top circumferential side and a substantially flat bottom circumferential side that is substantially parallel to the top circumferential side, said top and bottom circumferential sides being joined together through a continuously curved left side and a continuously curved right side such that the transverse cross sectional configuration of the strut is devoid of sharp corners.

Claim 21 (previously presented): The stent of claim 20 wherein the strut has a plurality of straight sections joined by a plurality of crown sections.

Claim 22 (previously presented): The stent of claim 20 wherein the strut is made of metal.

Claim 23 (previously presented): The stent of claim 22 wherein the strut is electro-polished.

Claim 24 (previously presented): The stent of claim 20 wherein the stent is fused to a second stent.

Claims 25-27 (cancelled).

Claim 28 (previously presented): The stent of claim 20 wherein the stent is self expanding.

Claims 29-30 (canceled).

Claim 31 (previously amended): A system for treating a vessel lumen comprising:
a stent having a lumen therethrough; and

a catheter at least partially extending through the lumen;
the stent being fashioned from at least one strut, the at least one strut having a transverse cross section, the transverse cross section having a substantially flat top circumferential side and a substantially flat bottom circumferential side that is substantially parallel to the top circumferential side, said top and bottom circumferential sides being joined together through a continuously curved left side and a continuously curved right side such that the transverse cross sectional configuration of the strut is devoid of sharp corners.

Claim 32 (previously presented): The system of claim 31 wherein the catheter is a balloon catheter.

Claims 33-35 (canceled).

Claim 36 (previously presented): The system of claim 31 wherein the stent comprises a first stent section and a second stent section, the second stent section being coupled to the first stent section.

Claims 37-41 (canceled).

Claim 42 (previously presented): A stent comprising:
at least one strut having a transverse cross section, the transverse cross section having a substantially flat top side and a substantially flat bottom side that is substantially parallel to the top side, said top side and bottom side being joined together through a smooth rounded left side and a smooth rounded right side.